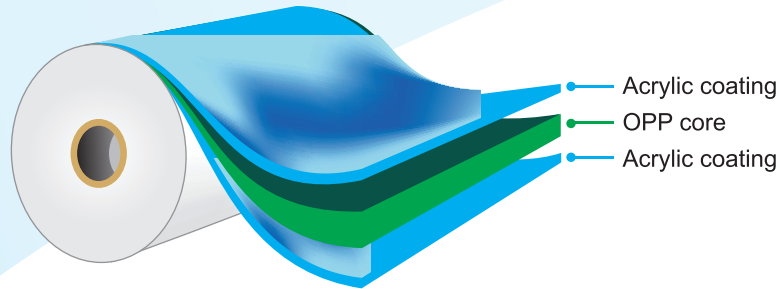


Functionally Modified Clear Film

C1010 (A - A)

Structure



Typical Values

Properties	Ref.	Units	Astm # / Test Method	C1010 (A - A)	
Physical Data					
Average Thickness		micron	D-374-C	25	30
		gauge		98.43	118.11
Thickness Variation		% (±)		3	
Average Substance		g/m ²		22.7	28.2
Kinetic COF	A-A		D-1894	0.30	
Yield		in ² /lb	D-4321	30930	24955
Optical Data					
Gloss (45 °)		gardner	D-2457	> 95	
Haze		%	D-1003	1.2 - 1.7	
Mechanical Data					
Tensile Strength	MD	kg/ cm ²	D-882	1200 - 1500	
	TD			2400 - 2800	
Elongation	MD	%	D-882	140 - 180	
	TD			40 - 80	
Thermal Data					
Shrinkage (248 °F, 5 min.)	MD	%	D-1204	2 - 4	
	TD			1 - 3	
Heat Seal Range (2.0 bar, 0.5s)	A	°F	CTM	194- 293	
Heat Seal Strength (248 °F, 2.0 bar, 0.5s)	A-A	g/in	CTM	500	550
Barrier Data					
MVTR (100°F, 90%RH)		g/100 in ² /d	F-1249	0.32	
OTR (73°F, 0%RH)		cc/100 in ² /d	D-3985	54.84	48.39

Description

Both side acrylic coated, clear, Bi-axially Oriented Polypropylene film

Features

- Excellent machinability
- Good gloss and transparency
- Low seal threshold
- Broad sealing range
- Excellent hot tack properties
- Good aroma barrier
- High seal strength
- Printable with water based printing inks
- Solvent free coating
- Excellent dimensional stability and stiffness

Applications

- Food packaging

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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